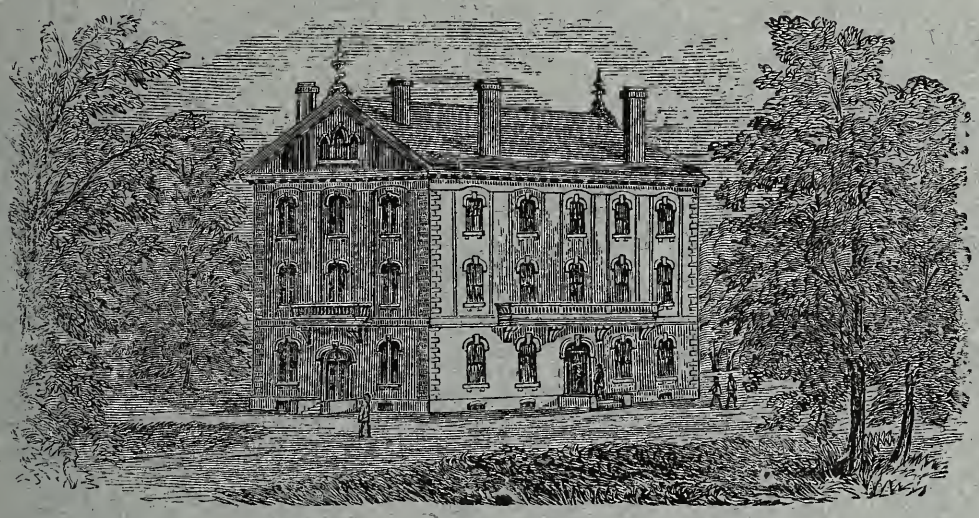
MEDICAL SCHOOL OF MAINE:

The Medical Department



—OF—

Bowdoin College.

1902.

MEDICAL SCHOOL OF MAINE:

The Medical Department

. . of . .

Bowdoin College

EIGHTY-SECOND YEAR,

SESSION OF 1902.

BRUNSWICK, MAINE:
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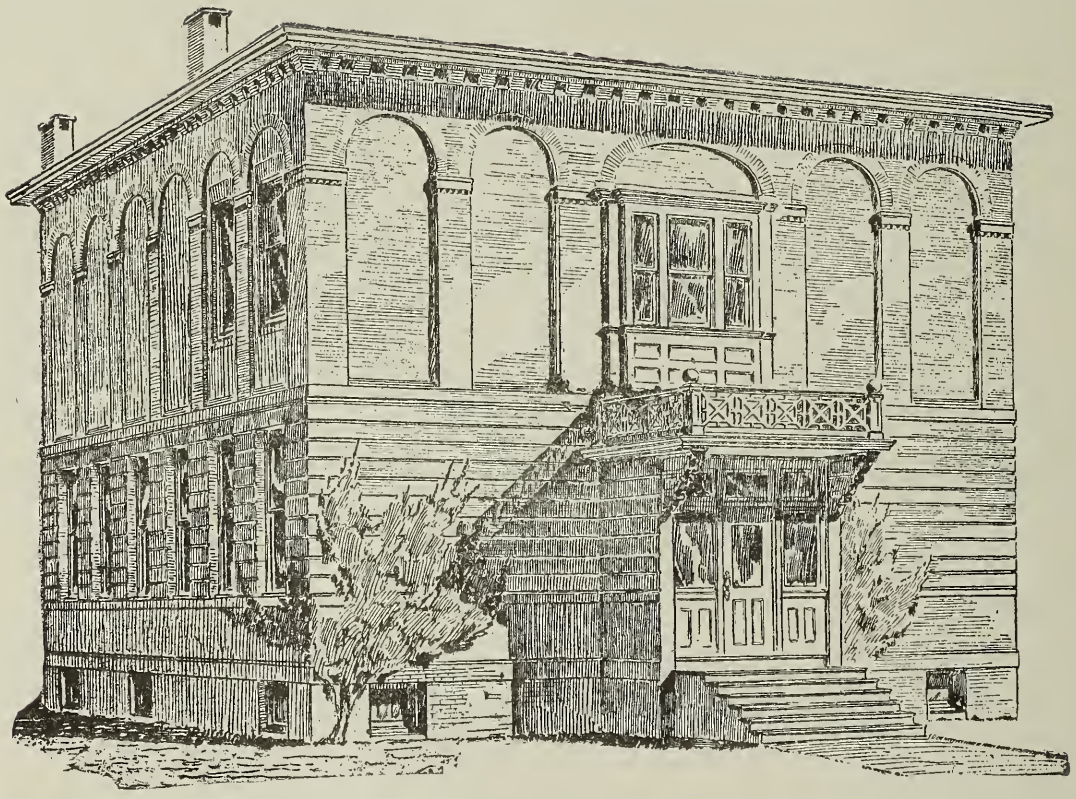
1902.



SCHOOL BUILDING, PORTLAND.

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PRESIDENT.
No 85 Federal Street, Brunswick.

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ADDISON SANFORD THAYER, A. B., M. D.,
PROFESSOR OF DISEASES OF CHILDREN.
730 Congress Street, Portland,

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HENRY HERBERT BROCK, A. B., M. D.,
INSTRUCTOR IN SURGERY.
662 Congress Street, Portland.

EDWARD JAMES McDONOUGH, A. B., M. D.,
INSTRUCTOR IN HISTOLOGY.
624 Congress Street, Portland.

GEORGE THOMAS LITTLE, LITT. D.,
LIBRARIAN.
8 College Street, Brunswick.

FREDERIC CHARLES THAYER, A. M., M. D.,
WALTER TEMPLE GOODALE, A. M., M. D.,
VISITORS FROM THE MAINE MEDICAL ASSOCIATION.

STUDENTS IN 1901.

(P. S. M. I.--- Portland School for Medical Instruction.)

NAMES.	RESIDENCES.	PRECEPTORS.
Anson Morrill Andrews,	*Gray*,	C. D. Smith and P. S.M. I.
Sullivan Lane Andrews,	*West Paris*,	E. H. Andrews and Maine Gen. Hospital.
Willie Harry Baker,	*Portland*,	O. K. Yates.
Charles Eugene Hill Beane, A. B.,	*Hallowell*,	S. C. Gordon.
Harold Thurston Bibber,	*Bath*,	R. D. Bibber.
Charles Spiro Bridgham,	*Sullivan Harbor*,	F. W. Bridgham.
Percy Herbert Brigham,	*Boston, Mass.*,	H. E. Mace.
Andrew Allen Brown,	*S. W. Harbor*,	E. D. Tapley and W. H. Griffin.
Ernest Victor Call, A. B.,	*Pittsfield*,	J. E. Cook.
Eugene Botsford Clark,	*Centerville, N. B.*,	H. W. Peppers.
Harry Howard Cloudman,	*So. Windham*,	G. M. Woodman.
William Bridgham Coburn	*Sherman Mills*,	W. L. Hunt.
Francis Henry Cohan,	*Marlboro, Mass.*,	P. J. Dervin.
Thomas Francis Conneen,	*Portland*,	E. J. McDonough, P. S. M. I.
Charles Langmaid Cragin,	*Norway*,	B. F. Bradbury.
Ansel Samuel Davis,	*No. Waterborough*,	L. E. Grant, P. S. M. I.
Robert Harold Donnell,	*Bath*,	E. M. Fuller.
John Small Dyer,	*New Sharon*,	F. N. Staples.
Henry Dearborn Furbish, A. B.	*Hartland*,	P. S. M. I.
Edwin Motley Fuller, Jr.,	*Bath.*	E. M. Fuller.
Michael Francis Gallagher,	*Marlboro, Mass.*,	C. Kingsley.
Frank Yuba Gilbert,	*Orono*,	J. W. Norcross, P. S.M. I.
Richard Albert Goss,	*Lewiston*,	R. R. Ricker.
J. Lowell Grindle,	*Mt. Desert*,	R. L. Grindle.
Oramel Elisha Haney,	*Belfast*,	A. G. Kilgore.
Albert Bellathy Hagerthy,	*Bucksport*,	H. E. Snow, P. S. M. I.
Marcus Philip Hambleton,	*Brunswick*,	C. E. Lancaster.
Edgar Ivory Hanscom, A. B.,	*Lebanon*,	G. R. Cate, J. S. Parker.
Orville Leon Hanlon, A. B.,	*Groveton, N. H.*,	A. W. Scott.
Robert Clarence Hannigan, A. B.,	*St. Stephens, N. B.*,	R. A. Holland.
John Forest Harkins,	*Lewiston*,	J. W. Joyce.

NAMES.	RESIDENCES.	PRECEPTORS.
William Reginald Leonard Hathaway,	*Garland,*	F. A. C. Emerson.
Henry Willis Haynes,	*New York City,*	G. Cook and P. S. M. I.
Bruce Alvin Higgins,	*E. Corinth,*	C. D. Edmunds and P. S. M. I.
Paul Stanley Hill,	*Saco;*	W. T. Goodale.
Louis Lenville Hills, A. B.,	*Portland,*	G. H. Cummings.
Percival Orison Hopkins,	*Frankfort,*	O. S. Erskine and Maine Gen. Hospital.
Roland Sewall Howard	*Farmington,*	P. S. M. I.
James Gilbert Hutchins	*Orland,*	H. E. Snow, P. S. M. I.
William Parker Hutchins,	*Oakland,*	E. Hooper.
Albert Mark Jones, A. B.,	*Pittsfield,*	F. T. Taylor.
Clarence Fairbanks Kendall, A. B.,	*Biddeford,*	C. J. Emery and P. S. M. I.
Linwood Melrose Keene,	*Northwood, N. H.,*	G. V. Fiske.
Herbert Manson Larrabee,	*Portland,*	B. F. Dunn, P. S. M. I.
Richard Timothy Leader,	*Lewiston,*	A. F. Leader, P. S. M. I.
Frank Elliot Leslie,	*Woburn, Mass.,*	C. Griffin, P. S. M. I.
Stillman David Little,	*Milltown,*	J. B. Woods.
Samuel Heber Long,	*Brockton, Mass.,*	A. D. York.
Fred Clarence Lord,	*Belgrade,*	W. H. Washburn.
James Marshall Lowe,	*Vinalhaven,*	H. L. Raymond.
Martin Crowell Madden,	*Old Town,*	J. N. Norcross P. S. M. I.
Frank Leroy Magune,	*Rockport,*	S. Y. Weidman.
Stanley Nay Marsh,	*Skowhegan,*	R. H. Marsh.
Clarence Harold Marston,	*W. Baldwin,*	G. H. Rounds and F. W. Evans.
Elton John Marston,	*Brunswick,*	C. E. Lancaster.
Henry Thomas McCarthy,	*Lewiston,*	W. H. Hawkins.
Archibald McMillan,	*Boston, Mass.,*	M. P. Smithwick.
Herbert Elbridge Milliken	*Surry,*	H. A. Milliken. Maine Gen. Hospital.
Harris James Milliken,	*Bangor,*	A. C. Gibson.
Frank Baxter Mitchell.	*Norwich, Conn..*	E. H. Lowell.
George Frederick Henry Moody,	*E. Rochester, N. H.,*	C. W. Bray.
Alonzo William Morelin, A. B.,	*Dresden Mills,*	L. H. Dorr.
George Page Nash,	*Lewiston,*	H. S. Sleeper.
Harry HillNevers,	*Norway,*	F. N. Barker .
Joseph Ernest Odiorne,	*Richmond,*	W. E. Whitney.
Mason Parker,	*Phillips,*	E. B. Currier.
Joseph John Pelletier,	*Lewiston,*	W. E. Webber.
Edgar Llewellyn Pennell, A. B.,	*Gray,*	W. J. Pennell.
Harold Ashton Pingree	*Portland,*	P. S. M. I.

NAMES.	RESIDENCES.	PRECEPTORS.
George Loring Pratt,	*Strong*,	F. H. Badger.
Nelson Oswell Price,	*Havelock, N. B.*,	F. O. Price.
James Percy Russell, A, B.,	*Warren*,	J. M. Wakefield.
Frank Forester Simonton, A. B.,	*Ellsworth*,	C. B. Currie.
Norton Maxwell Small,	*Deer Isle*,	A. M. Small.
Harry Lester Small,	*Brunswick*,	J. A. Niles
Arthur Weston Strout, A. B.	*Gardiner*,	F. E. Strout.
George Willis Cole Studley,	*So. Portland*,	P. S M. I.
Leroy Scott Syphers,	*So. Portland*,	J. H. Syphers.
Clarence Edgar Thompson,	*Portland*,	C. W. Foster.
		P. S. M. I.
Herman Kotschmar Tibbetts,	*Portland*,	B. F. Wentworth.
Raymond Ritchie Tebbetts,	*E. Palermo*,	H. H. Coburn.
Fred Chamberlain Tobey,	*Boston*,	C. P Cotton,
		P. S. M. I.
Edwin Dudley Towle,	*Boston*,	A. Evans.
Joseph Paul Traynor,	*Biddeford*,	M. H. Fergueson.
Elton Murray Varney,	*Brunswick*,	G. M. Elliot
Joseph Walsh,	*Augusta*,	O. S. C. Davies.
Robert James Weisman,	*Lewiston*,	P. S. M. I.
Fred Everett Wheeler,	*West Paris*,	S. H. Weeks.
		P. S. M. I.
Arthur Goodwin Wiley, A. B.,	*Bethel*,	C. D. Hill.
Charles Arnold Wyndham,	*Lisbon Falls*,	E. L. Wilson.
Charles Arthur Worthen,	*Haverhill*,	P. S. M. I.

GRADUATING CLASS 1901.

NAMES.	THESES.
Anson Morrill Andrews,	Hydrotherapy.
Sullivan Lane Andrews,	Tabes Dorsalis.
Willie Harry Baker,	Peritonitis.
Percy Herbert Brigham,	Diagnosis by Widal's Test.
Andrew Allen Brown,	Treatment of Typhoid Fever.
Eugene Botsford Clark,	Diphtheria.
William Bridgham Coburn,	Pneumonia.
Francis Henry Cohan,	The Profession of Medicine.
Thomas Francis Conneen,	Placental Transmission.
Ansel Samuel Davis,	Pneumonia.
Robert Harold Donnell,	Vaccinia.
Frank Yuba Gilbert,	Inflammation and Ulceration of the Cornea.
Orville Leon Haulon, A. B.,	Morbus Coxarius.
Robert Clarence Hannigan, A. B.,	Scarlatina.
John Forest Harkins,	Causes and Treatment of Diphtheria.
William Reginald Leonard Hathway,	Morbus Coxarius.
Henry Willis Haynes,	Syphilis.
Bruce Alvin Higgins,	Diabetes Mellitus.
Percival Orison Hopkins,	Cystitis.
James Gilbert Hutchins,	Myxoedema.
Clarence Fairbanks Kendall, A. B.,	Tabes Dorsalis.
Herbert Manson Larrabee,	Asepsis Versus Sepsis in Medicine and Surgery.
Frank Elliot Leslie,	Interstitial Nephritis.
James Marshall Lowe,	Typhoid Fever.
Martin Crowell Madden,	Obstetrics.
Clarence Harold Marston,	Croupous Pneumonia.
Henry Thomas McCarthy,	Retroversion of the Uterus.
Herbert Eldridge Milliken,	Subcutaneous Medication.
Frank Baxter Mitchell,	Diphtheria.
Joseph Ernest Odiorne, A. B.,	Plasmodium Malariae.
Joseph John Pelletier,	Diseases of the Myocordium.
Edgar Llewellyn Pennell, A. B.,	Hereditary Tuberculosis.
Harold Ashton Pingree,	Caries of the Spine.
Nelson Oswell Price,	Neoplasm.
Norton Maxwell Small,	Typhoid Fever.
Raymond Ritchie Tebbitts,	Paranoia.
Clarence Edgar Thompson,	Dietetics of Infants.
Fred Chamberlain Tobey,	Acute Articular Rheumatism.
Joseph Paul Traynor,	Treatment of Hydrophobia.
Fred Everett Wheeler,	Morbus Coxarius.

ANNOUNCEMENT.

The Medical School of Maine, established by the first legislature of the State, was by its charter placed under the control of the Boards of Trustees and Overseers of Bowdoin College, of which institution it is the Medical Department.

Its course of instruction covers four years of six months each. The studies are distributed through the curriculum according to the following schedule:

First Year: Anatomy. Histology, Physiology, Chemistry, Personal Hygiene.

Second Year: Anatomy, Physiology, Chemistry, Pathology, Bacteriology.

Third Year: Internal Medicine, Surgery, Materia Medica and Therapeutics, Obstetrics.

Fourth Year: Internal Medicine, Surgery, Materia Medica and Therapeutics, Medical Jurisprudence, Public Hygiene, Deseases of Women, Diseases of Children, Diseases of the Mind, Diseases of the Skin, Diseases of the Genito-urinary System, Diseases of the Eye, Diseases of the Ear, Diseases of the Nose and Throat.

The course is strictly graded, and all of the required studies of one year must be completed before those of the next succeeding year can be entered upon.

At the end of each year an examination is held in the studies of that year, and the successful student receives a certificate from the Dean testifying to his passage. Those who prefer to defer their examination and those who have failed at the close of the school-year, are allowed one examination and one only at the begining of the next year. If, for any sufficient cause, a student is unable to be present at the time appointed for this second examination, he

may be examined three weeks after the beginning of the year. Failure to pass in the studies of the final year will necessitate a repetition of the work of that year.

To be eligible for examination in the studies of the first year the student must have completed a full year of professional work and show documentary evidence to this effect; and corresponding requirements must be fulfilled before admission to second-year and third-year examinations.

An examination which is not completed receives no consideration.

The students of the first and second years are instructed at Brunswick, where the school has been situated since its foundation in 1820, and where the facilities are excellent for imparting a knowledge of the primary branches. The third year and fourth year classes are taught in Portland on account of the superior clinical advantages afforded in that city. The first of the two buildings designed for the use of the school and now occupied by it, furnishes ample accomodations for the advanced classes. The location of the building is on Chadwick Street, next to the Maine General Hospital, in which institution nearly all the teachers in the School are medical or surgical officers and the Directors of which are in full sympathy with the purposes of the Faculty.*

While the Maine General Hospital (a view of which is given on the last page of the cover) is the chief source of supply of clinical material for the School, Portland has a number of other institutions, which will contribute to the bedside instruction of the students; and the various teachers, as opportunity permits, will show individual pupils interesting cases in their private practice.

The eighty-second annual course will begin on Thurs-

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*The electric cars (Spring line—blue) run on Vaughn Street, which is but one block from the School; and free transfers may be had from the Congress Street line (green) and the Middle Street line (red), so that one can easily reach the School from either end of the city, and from the Union, Grand Trunk and Rochester railway stations.

day, the 26th of December, 1901 and will continue twenty-six weeks.

Examinations for *admission to the School* will be held at nine o'clock in the morning of the first day, Thursday, the 26th of December, in Brunswick.

Re-examinations, deferred examinations and examinations for advanced standing for those who desire to enter the second year will be held in Brunswick, on Friday, the 27th of December. Examinations in anatomy at nine o'clock A. M., in physiology at two o'clock P. M.

Re-examinations, deferred examinations and examinations for advanced standing for those wishing to enter the third year will be held in Portland on Saturday, December 28th. Examinations in anatomy at nine o'clock A. M., in physiology at two o'clock P. M.

The formal introductory lecture will be delivered by Professor Whittier, in Memorial Hall, Brunswick, at three o'clock in the afternoon of Monday, the thirtieth of December.

The systematic courses of instruction will begin on Tuesday morning the thirty–first of December.

On arriving in Brunswick students should apply at the office of the Dean in the medical building, enter their names, receive directions concerning their examinations, if any are needed, pay their fees, and be advised as to boarding places.

In Portland they should apply at the office in the medical building for the same purposes. Dr. Charles O. Hunt will act as deputy dean.

EXPENSES.

For Instruction:

In each of the required four years $100. Exception will be made in the case of those who matriculated prior to 1899. They will be required to pay only those fees which were in vogue on their admission to this school, namely $78 for their second course, and $50 for their third course

For Examinations :

Payable at the end of the first year—

In Anatomy,	$5.00
In Physiology,	5.00
In Chemistry,	5.00

Payable at the close of the term of instruction in Obstetrics, for examination in this branch, $5.00

These four fees are credited on the diploma-or-graduation-fee.

For every re-examination in any of the above studies. $3.00

This fee is not credited on the diploma-fee.

For examination or re-examination in any branch at a time not regularly appointed the student shall pay a fee of $5 in addition to the prescribed fee for that examination.

Students who fail to pass the examinations at or near to the beginning of the course cannot be examined again until the end of the course.

Miscellaneous:

The Matriculation Fee of $5 is required of every student each year.

For materials used in the chemical-laboratory courses, about $2.50 per year.

For materials used in the bacteriological laboratory about $2.

For anatomical material, its cost.

For graduation fee (not returnable), including the parchment diploma, $25. This will have been nearly paid in the examination fees in the previous years.

Graduates of other schools, who have been engaged three years in the regular practice of medicine, may receive a general ticket upon presentation of their diplomas and payment of the Matriculation Fee. Graduates of other schools are not eligible for a degree from this school with-

out attendance upon a full course of instruction immediately preceding the examination for such a degree.

All fees must be PAID IN CASH and STRICTLY IN ADVANCE.

Board and lodging cost from $3 to $5 a week.

REQUIREMENTS FOR ADMISSION.

Applicants for admission will be required to give evidence that they possess a good English education, and unless they present diplomas or entrance-tickets as provided below they must pass examinations in the following studies:

English:—Spelling, writing, construction of sentences, and English grammar in general.

Arithmetic:—As represented in the larger common-school text-books on the subject.

Alegebra:—Including addition, substraction, multiplication, division, factoring, and simple equations, as, for example, the first eleven chapters in Wentworth's New School Algebra.

Geometry:—Including at least three books of some standard plane geometry, as Well's or Wentworth's.

History of the United States:—To the extent afforded in the ordinary school history, such as Montgomerey's.

Physics:—As presented in any standard school text-book such as Gage's Elements of Physics, or Dolbear's Natural Philosophy. This requirement cannot well be met with less than a year's study in some good school where the illustrative experiments are required to be performed.

Chemistry:—As much as is covered in some standard school chemistry, as Remsen's, or Storer and Lindsay's. As in the case of the physics, this requirement cannot well be met with less than a year's study in some school provided with a laboratory, where illustrative experiments have been performed by the student. These experiments should include elementary qualitative analysis, and candidates should present note-books giving accounts of experiments performed, which books must be certified by the teacher.

Latin:—Including sight-reading of easy Latin, a knowledge of the construction of Latin sentences, and the reading of some standard Latin author, as Cæsar or Virgil. At least two years should have ben spent in the study of Latin in some good school.

Those who are graduates of Colleges, Normal Schools, High Schools, or Academies, or have passed the entrance examination to any recognized College, on presentation of their diplomas or matriculation tickets, will be exempt from examination, provided that their previous studies have included Latin, Chemistry, and Physics to an extent not less than herein prescribed; but if their previous studies have not included Latin, Chemistry, and Physics to the required extent, they must be examined upon these branches and their diplomas or matriculation tickets will exempt them from examination in the other branches. All without exception who have not such diplomas or tickets will be required to pass the entire entrance examination.

Business Colleges are not recognized.

Students from other schools who apply for advanced standing must comply with the requirements for admission to the first year, must give satisfactory evidence that they have completed a course, or courses of instruction, equivalent in kind and amount to that or those in this school preceding that to which admission is sought, and must pass examinations in all of the branches previously pursued by the class which they wish to enter. Certificates of the passage of examinations in other schools are not accepted in lieu of examinations.

It is desired that a literal interpretation shall be placed upon the stated requirements of the candidates for Matriculation, as hitherto there have been not infrequent examples of those who inquire if other conditions than those named will not serve, in lieu of the examination. The same consideration is asked for the explicit condition named as regulating the prepayment of fees in cash.

GRADUATION.

A candidate must be twenty-one years of age, and must have devoted to his professional studies four years, including a course of instruction in each of these years in some reputable, regular, incorporated medical institution, and the last course previous to examination must have been in this School. As evidence of his study when not in attendance upon such a school, he must present to the Dean the certificate of a regular and reputable practitioner of medicine. He must present a satisfactory certificate of good moral charater from a citizen of the town in which he resides. He must also pass a satisfactory examination in the required studies, previously specified, and present a thesis on some medical subject, a fair copy of which must be handed to the Dean, at least ten days before the beginning of the final examinations.

The requirement of four years of study and four courses of instruction will not be enforced in case of those students who were matriculated in this school previously to June, 1899. These will be permitted to graduate on the terms in vogue of late, namely, three years of study, and a course of instruction in each. But all who matriculate after June, 1899, will come within the scope of the new requirements.

Time spent in pharmacy, dental, and veterinary institutions, and in preparatory schools does not entitle a student to examination for advanced standing.

A student who has received the degree of A. B., B. S. or any similar degree after four years of study in a recognized college or technical school if his studies have included a satisfactory amount of chemistry, physics and biology, may be admitted as a second year student, but when so admitted he shall not gain third year standing until he has passed satisfactory examinations in the studies of the first and second year.

METHODS OF INSTRUCTIONS.

In order to afford to students who contemplate enter-

ing the school an idea of the facilities presented by this institution for acquiring a knowledge of the science and art of medicine, a brief statement is here made of the scope of the work in each department and the methods adopted for imparting instruction.

ANATOMY.

The course in this branch covers two years. In the early part of the first year the elementary tissues are studied, both in the lecture room and in the histological laboratory. Then the viscera (including the cerebro-spinal axis and the organs of special senses) are taken up in such order as will enable the student to become acquainted with the structure of each organ before its function is treated of by the professor of physiology, this method being the most rational and highly economical of the pupils' time. Synchronously with this work the subjects of osteology and arthrology are pursued. All of these exercises are illustrated by casts, models, fresh and preserved specimens, and freehand blackboard drawings. Illustrative teaching durthe past year has been, as it will be in the future, very greatly facilitated and enriched by the splendid and most generous gift of Azoux's complete model of a man from Hon. John Fremont Hill, Governor of our State and an alumnus of 1877. Some subjects are treated by lecture, but the recitation method has the more prominent place. Four hours of didactic exercises a week are bestowed on the first-year work, and the afternoons for some weeks are devoted to microscopic work. The school provides a large number of microscopes; but students owning microscopes will find it advantageous to bring them.

The second year in anatomy is devoted to the remainder of systematic anatomy and to relational anatomy. Myology is taken first, and the student must be able to recognize the muscles in the part which he is to dissect before he is allowed to work on the cadaver. Two dissections on different parts are required and students are encouraged to dissect as much more as is possible. Surface anatomy is

illustrated upon the living model, upon which, also, the students are required to make demonstrations. In the examinations at the close of the year demonstrations upon the dissected subjects are a prominent feature.

Before coming to the School students can do much to equip themselves for appreciation of human anatomy by making systematic dissections of some lower animals; and to this end they are earnestly advised to follow faithfully the directions prescribed in "Physiology Practicums," which will be sent post-paid for one dollar by the author, Prof. B. G. Wilder, Ithaca, N. Y. Admirable books in the same line are Wilder and Gage's Anatomical Technology, Foster and Langley's Practical Physiology, and Huxley and Martin's Biology.

The Anatomical Museum, previously well supplied with wet and dry specimens, casts and models in plaster, wax, and papier mache, has recently been enriched by a large importation from Germany, which adds greatly to the means for instruction.

PHYSIOLOGY.

Instruction in this department is conducted with a view to the practical application of the facts of physiology to the needs of the student in his study of the diagnosis and treatment of disease, and demonstrations and experimental teaching are employed as far as they can be made to serve this end.

In the first year the work will be devoted to the functions of nutrition and reproduction; in the second year to the functions of relation. A portion of the hours will be devoted to text-book recitations.

If a student presents a certificate of having completed two full years of medical study or of having pursued approved courses in this branch in a reputable college or technical school, he may be examined at the end of his first year in this School upon the physiological studies of the second year as well as upon those of the first year.

CHEMISTRY.

The chemical course extends through the first two

years. In the first year inorganic preparations, toxicology and the similar parts of organic chemistry are taken up Two exercises a week are held of one hour each, except when laboratory work or a quiz is given, when additional time may be taken.

In the second year, the course includes urinary analysis and diagnosis, and continuation of organic chemistry to include carbohydrates, fats and oils, proteids, alkaloids and medicinal substances derived from coal-tar. The time is substantially the same as in the first year.

At the end of each year examinations are held, and the results of these, taken in connection with the laboratory work and quizzes, determine whether the work has been satisfactorily completed or not.

Students who satisfy the professor of chemistry that they have pursued courses of chemical study similar to either of the above may be examined by him at the beginning of the term, and if the examination is satisfactory they will be excused from attendance upon the courses in question.

The Chemical Department embraces every article of apparatus essential to the complete illustration of the principles of Chemistry.

The laboratories in the Mary F. S. Searles Science Building furnish unsurpassed advantages for special courses in analytical chemistry, urinary analysis, and toxicology. These courses are compulsory. They will be entered upon immediately after the close of the dissecting season.

OBSTETRICS.

The instruction in this branch is given by lectures, recitations, and quizzes illustrated by models, manikins, and actual specimens.

PATHOLOGY AND THE PRACTICE OF MEDICINE.

Instruction will be given by means of lectures, by regular and systematic quizzes upon these lectures, and by charts. Especial attention will be given to the study of methods of physical diagnosis.

A medical clinic will be held by the Professor at the Hospital every Thursday, at 9 A. M., the material being furnished by the visiting physicians from the abundant resources of their wards, and by all members of the faculty as they have cases of interest which can be utilized for the illustration of subjects under treatment in the didactic course. The visiting physicians will hold additional clinics as the opportunity occurs. Definite announcements of these exercises will be seasonably made.

BACTERIOLOGY AND PATHOLOGICAL HISTOLOGY.

A. Bacteriology.

The course consists of lectures and laboratory work. In the laboratory course each student is required to cultivate upon three media ten varieties of pathogenic bacteria, to make stained microscopic prep rations of each variety, and to study with the microscope the living organisms in hanging drop preparations.

Special attention is given to the examination of sputum for tubercle bacilli, to the diagnosis of diphtheria by means of making smears from suspected throats on Loffler's blood-serum mixture, to the technic of the serum diagnosis of typhoid fever, to methods of staining gonorrhœal pus.

B. Pathological Histology.

The course consist of lectures and laboratory work. The first half of the course is devoted to the study of inflamation excited by chemical and bacterial causes. It includes the pathological histology of tuberculosis, diphtheria, pneumonia, etc. The second half of the course is devoted mainly to the study of tumors.

In the laboratory course each student is required to make stained microscopical preparations illustrating the disease-processes studied. These preparations become the property of the student and are preserved for reference. Many of these preparations are made from tissues obtained at the surgical clinics and thus show the pathology of cases previously observed.

SURGERY.

Instruction is given in the principles of surgery during the third and fourth years, and consists of both didactic teaching and clinical instruction. During the third year the didactic instruction will be limited to general surgery, including surgical bacteriology, septic and antiseptic surgery, general diagnosis, irritation, sympathy and congestion, Inflamation and its effects, textural changes, new formation, benign and malignant, wounds and poisons. It will also include surgical instruments and other appliances, anaesthetics and the methods of their administration. Third year students will also be required to attend the surgical clinics and bed-side teaching at the Maine General Hospital.

At the end of the third year the students will be examined in the work of that year.

During the fourth year the didactic lectures will be limited to special surgery, embracing the various surgical diseases, injuries and malformations of particular organs, tissues and regions of the body. Students will also attend the surgical clinics and ward instruction at the Hospital.

At the end of the fourth year candidates for the degree of M. D. will be examined in special surgery, also in the work done at the Hospital.

The Professor will also be at liberty to ask questions in general surgery,

The didactic lectures are supplemented by ample bed-side teaching at the Maine General Hospital. A clinic will be held at the Hospital every Saturday from 10 to 12, the visiting surgeons of which place at the disposal of the Professor whatever material in their wards he desires for illustration of the topics which he has in hand.

In addition to these systematic clinics, students have the privilege of witnessing operations almost every day at the Hospital, and these will be explained and made as useful as possible by the attending surgeons. Opportunity will be given to observe the after treatment and subsequent progress of the cases, sections of the class being

permitted to visit the wards under the guidance of the surgeons on duty.

Minor and operative surgery receive due attention and the most practical character is given to the instruction, the students being required to apply bandages and other dressings, and perform operations upon the cadaver under the direct supervision of the instructor.

MATERIA MEDICA AND THERAPEUTICS.

The instruction in Materia Medica and Therapeutics will be given by lectures and quizzes.

A practical exercise in prescription writing will be given every week, by which the student will be taught not only to write the prescription correctly but to prescribe correctly for given conditions.

MEDICAL JURISPRUDENCE.

The instruction in Medical Jurisprudence will be directed mainly to an exposition of the legal duties and responsibilities of physicians and surgeons to their patients and also to their character and position as medical expert witnesses in Courts of Justice. Practical suggestions will be given for guidance in both respects.

GYNÆCOLOGY.

Didactic and clinical instruction will be combined in the department of Diseases of women, Clinics on Tuesday at 9 a. m.

Abundant opportunities will be given to examine patients whose diseases come within the scope of this department. The various methods of diagnosis and treatment will be demonstrated.

DISEASES OF CHILDREN.

The instruction in this department will be given chiefly by lectures and recitations, and will also include clinical exercises and demonstrations.

MENTAL DISEASES.

The professor of this department is chief medical officer of the Pennsylvania Hospital for the Insane. Espec-

ial efforts are made to instruct the students in the early recognition of Insanity, with a view to the institution of treatment at the time when it is most productive of good results.

OPHTHALMOLOGY AND OTOLOGY.

A weekly clinic in diseases of the eye and ear will be held at the Hospital, on Saturdays at 11 A. M. The various diseases will be described as cases illustrating them are available for demonstration, operations will be performed when required, and other treatment applied as may be necessary.

PUBLIC HYGIENE.

Instruction is given by the President of the State Board of Health by lectures upon the principles of Public Sanitation, considering the source and character of public water supplies and the collection and disposal of waste, with especial reference to preventable diseases.

Several hours are devoted to sanitary legislation and the relations and obligations of the practicing physican to public and health-boards, in the management of infectious diseases.

THE LIBRARY.

The Library of the Medical School, containing 3700 volumes, has been combined with that of the College, which numbers nearly 60,000 volumes. Both collections are under the same administration and are at the service of the medical students. The more recently published medical works and current numbers of professonal journals are kept in a separate room in the main library building for their especial use. It is not the policy of the School to furnish text-books through its library, or to buy largely in medical literature; yet, by means of the catalogue of the Library of the Surgeon General's Office and the system of inter-library loans, the librarian is able to procure for use in serious investigation almost any book that may be desired.

TEXT-BOOKS.

ANATOMY—Gerrish. For reference, Quain.

PHYSIOLOGY—For recitation work, Kirkes. Blakiston's edition. For reference, Landois and Stirling, Foster, Dalton, the American Text-Book of Physiology by Howell.

CHEMISTRY—For general reference, Simon, Bartley, Pellew. For reference in urinary analysis, Purdy, Black, Tyson. For use in laboratory, Robinson's Qualitative Chemical Analysis.

PUBLIC HYGIENE—For reference, Coplin and Bevan, Rohe, Parke's Practical Hygiene.

MATERIA MEDICA AND THERAPEUTICS—Hare, White & Wilcox, H. C. Wood, Butler.

PRACTICE OF MEDICINE—Osler, Thompson, Anders, Eichhorst, Medical Diagnosis, DaCosta. Clinical Diagnosis, Simon. Ewing on the Blood.

PHYSICAL DIAGNOSIS—Cabot, Tyson.

BACTERIOLOGY—For reference, Abbott, Muir and Richie, McFarland Levy and Klemperer.

PATHOLOGY—For reference, Ziegler, Mallory Wright, Coplin, Green.

TEXT BOOKS—The American Text-Book of Surgery. DaCosta's Modern Surgery. Dennis' System of Surgery. Park's Treatise on Surgery. Bryant's Operative Surgery. The International Text-Book of Surgery. Shurley's Diseases of Nose and Throat. Warren's Surgical Pathology and Therapeutics. The Practice of Surgery, Wharton and Curtis. Mordern Surgery by Roberts. Traumatic Injuries of the Brain, Phelps.

OBSTETRICS—American Text-Book of Obstetrics, Hirst, Jewett, Dorland.

DISEASES OF WOMEN—Kelley (2 vols.), Pozzi, (2 vols.), E. C. Dudley, Robb's Gynæcological Technique, Garrigues.

MEDICAL JURISPRUDENCE—Taylor with Bell's Notes, Ewell.

DISEASES OF THE EYE—Nettleship, Swanzay, DeSchweinitz.

DICTIONARIES—Dorland, Illustrated. Duane.

CALENDAR.

1901.

26, December, Thursday. Entrance Examination: for first year students, at nine o'clock, in Brunswick

27, December, Friday. Re-examinations, deferred examinations and examinations for advanced standing, for second year in Brunswick, in Anatomy, at nine o'clock; in Physiology at two o'clock, P. M.

28, December, Saturday. Re-examinations, deferred examinations, and examinations for advanced standing, for third year, in Portland, in Anatomy, at nine o'clock, A. M.; in Physiology at two o'clock P. M.

30, December, Monday. Introductory Lecture, Memorial Hall, Brunswick, at three o'clock.

1902.

1, January, Wednesday. Holiday. No exercises.

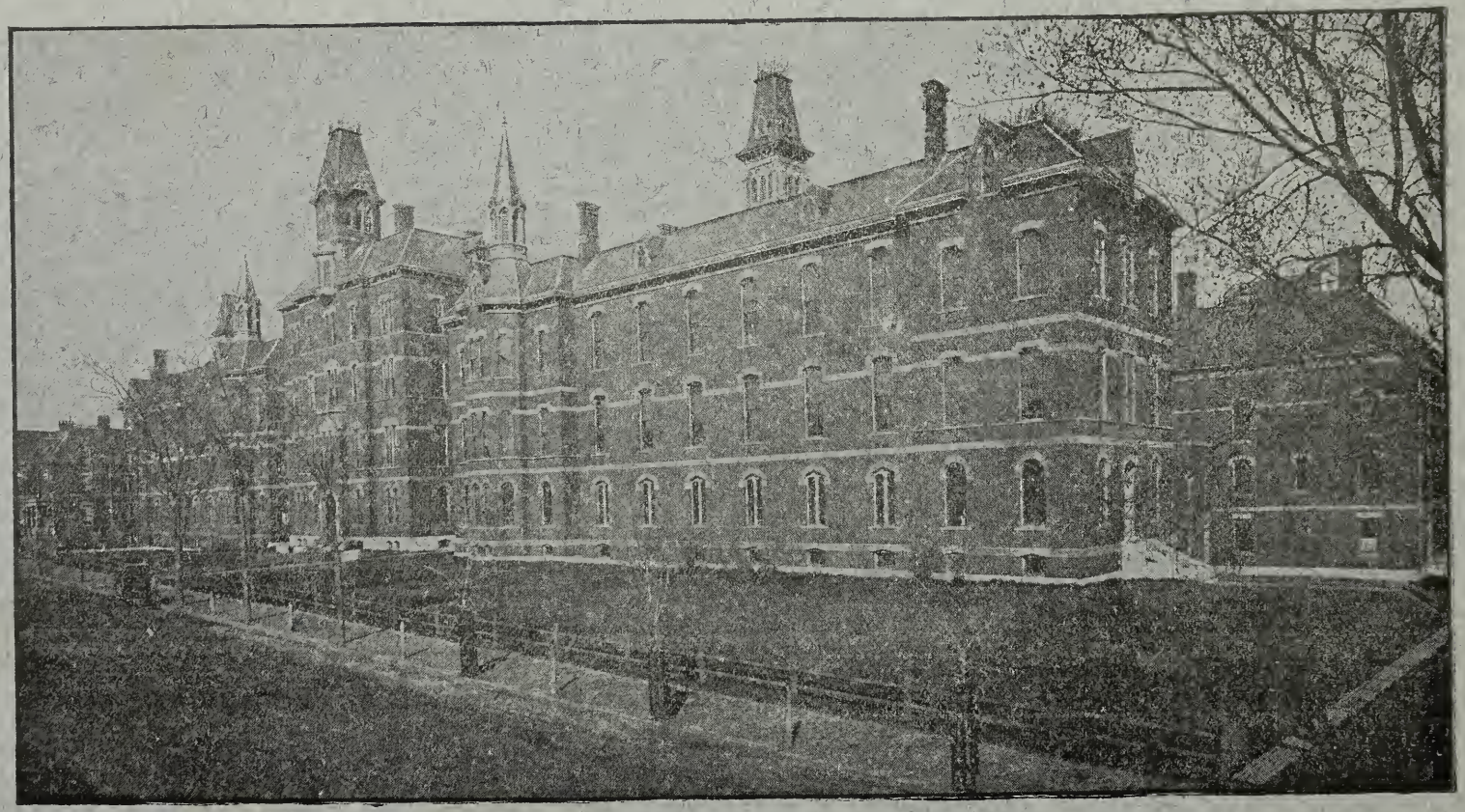
22, February, Saturday. Washington Birthday. Holiday No exercises.

April. From noon of the Wednesday immediately preceeding Fast Day to the morning of the next Tuesday, Recess.

30, May, Friday. Memorial Day. Holiday. No exercises.

16 to 24, June, Monday to a week from the next Thursday, both inclusive. Examinations.

26, June, Thursday. Bowdoin College Commencement.



THE MAINE GENERAL HOSPITAL.